

Stormwater Projects for Oliver Broadway (ER 4106/A35)

The Baltimore City Department of Public Works (DPW) is required to install Best Management Practices (BMPs) that reduce and treat stormwater entering its waterways per its federal Municipal Separate Storm Sewer System (MS4) Permit. Oliver Broadway was one of the areas selected for impervious area removal/lot greening and BMPs.

What is Impervious Removal/Lot Greening?

Surfaces covered by asphalt, compacted gravel, concrete, brick, and stone are impervious. Impervious materials repel water and prevent rain from infiltrating into soils and groundwater. Removal of these impervious materials, and replacing them with grass and trees, reduces stormwater runoff and associated pollutants such as nitrogen, phosphorus, and sediments, which are bad for our waterways. Abandoned parking areas, paved park and play areas, and unused walkways can be converted to new green spaces that increase infiltration and create new community spaces.

What are Best Management Practices?

These are often called rain gardens, swales and micro-bioretention facilities. They are planted areas that collect stormwater runoff from the adjacent paved street and allow the water to filter through the facility before flowing to a storm drain, which reduce the pollutants entering local streams and the harbor. Here is a picture of a BMP curb bumpout that is currently in design for your area.

What are benefits to communities?

Impervious removal would help the communities to;

- Improve downstream water quality;
- Enhance property aesthetic with landscape vegetation;
- Increase potential green space within the community;
- Reduce stormwater runoff.

What is proposed for Oliver Broadway?

DPW is proposing up to 1 micro-bioretention facility and .13 acres of asphalt and concrete removed and replaced with grass shown on the map to the right. These BMP facilities are currently in design and are to aid the City of Baltimore in fulfilling its MS4 Permit requirements.

When will they be installed?

We are projecting that construction of the impervious area removal and lot greening will start in September 2022.

Comments/Questions?

Please contact the City Project Manager Ms. Kirastin Spence with any question you may have via email at: kirastin.spence@baltimorecity.gov, and/or office at: (410)-396-3440.

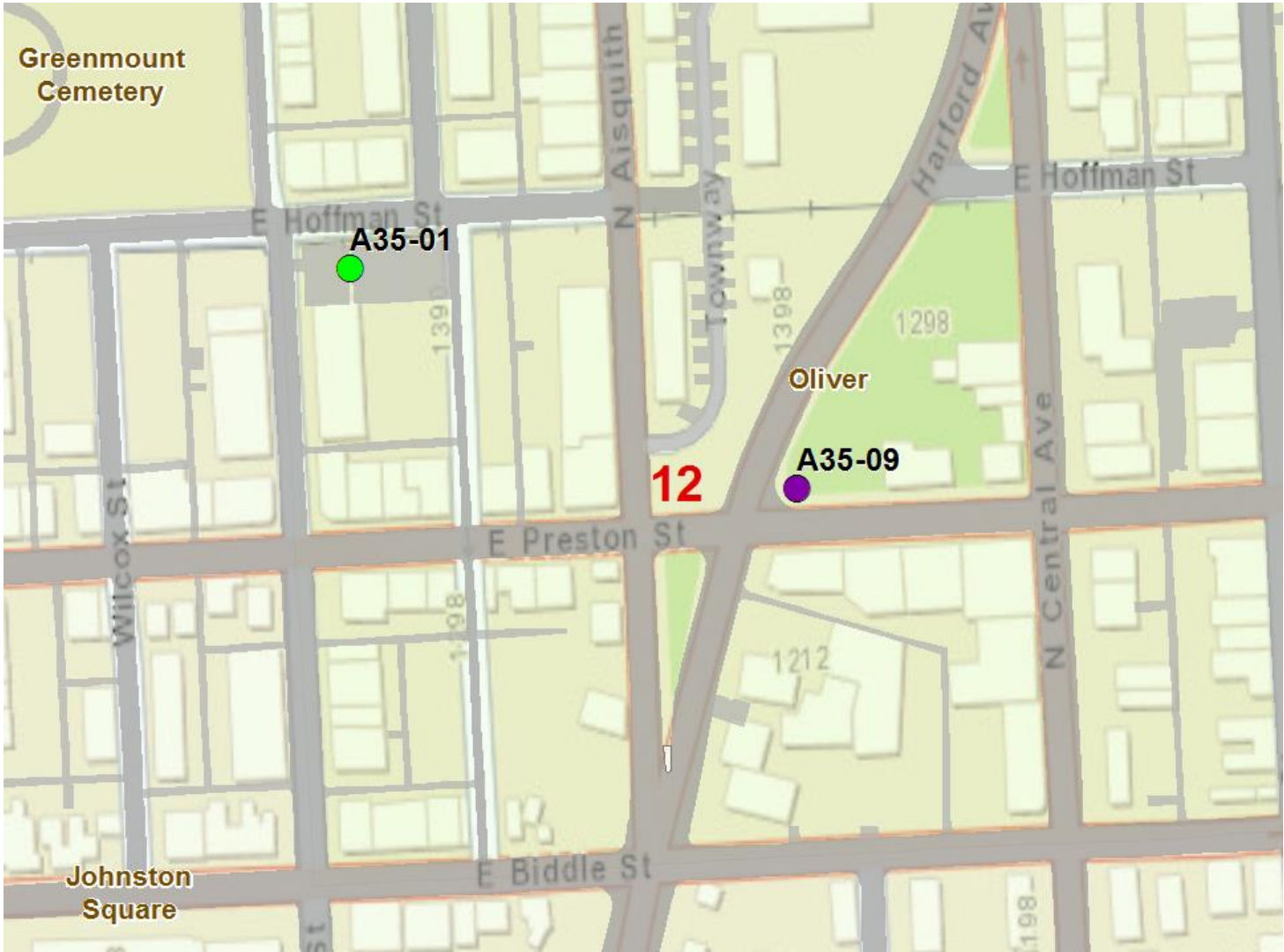


Figure 1



Bernard C. "Jack" Young
Mayor



Rudolph S. Chow, P.E.
Director